### DOCKET FILE COPY ORIGINAL

# Before the **FEDERAL COMMUNICATIONS COMMISSION**

Washington, D.C. 20554

-	In re Amendment of Section 73.202(b)	) ) )	RECEIVED - FCC NOV 2 0 2003
)	· ·		
•	· · · · · · · · · · · · · · · · · · ·		
1			
		•	
_			
<u></u>			

The reservation of Channel 229A will serve the public interest by assuring needed noncommercial educational radio service to the community of Cordell, Oklahoma and the surrounding listening area.

Great Plains is a noncommercial educational organization, and is the licensee of several operating full-service and translator FM radio stations. If the reservation

## CORDELL, OKLAHOMA

Channel #229A

Non-Commercial Allocation Study

November 14, 2003

### LARRY P. WAGGONER

Broadcast Technical Consultant
1712 VALLEYVIEW CT. • WICHITA, KS 67212 • (316) 722-3726

#### Cordell, Oklahoma Channel #229A Non-Commercial Allocation Study

This Non-Commercial Allocation Study will analyze the commercial FM allocation for channel #229A in Cordell, Oklahoma to determine its availability as a Non-Commercial assignment. The assignment must, as a maximum class facility, provide a first or second non-commercial service to at least 10% of the population inside the 1 mv/m or 60 dBu contour. This population must be at least 2,000 persons. The second requirement is that technical regulations must prevent the use of any reserve FM band assignment in the area.

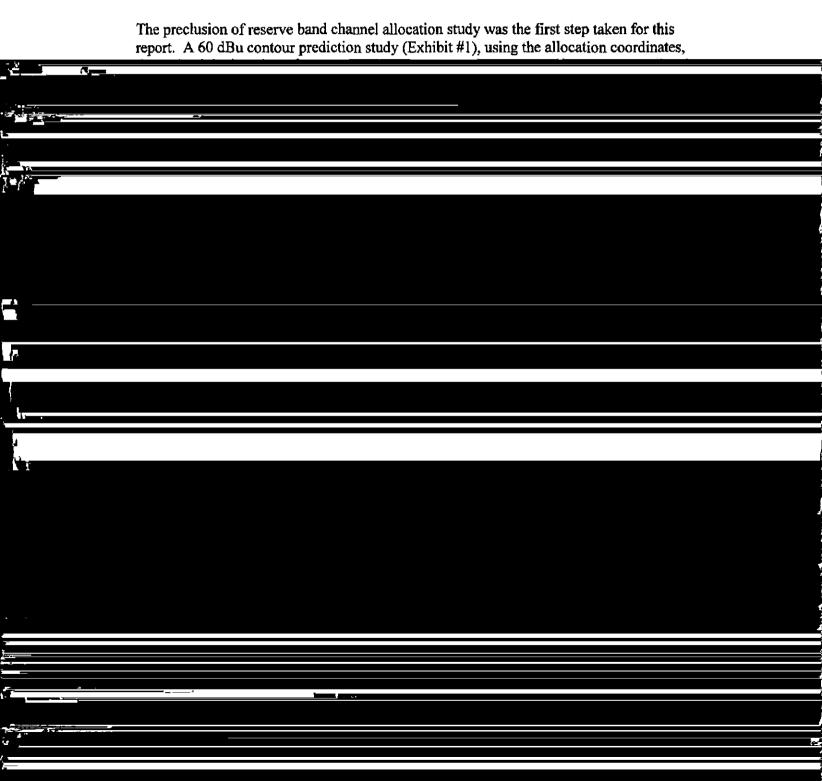
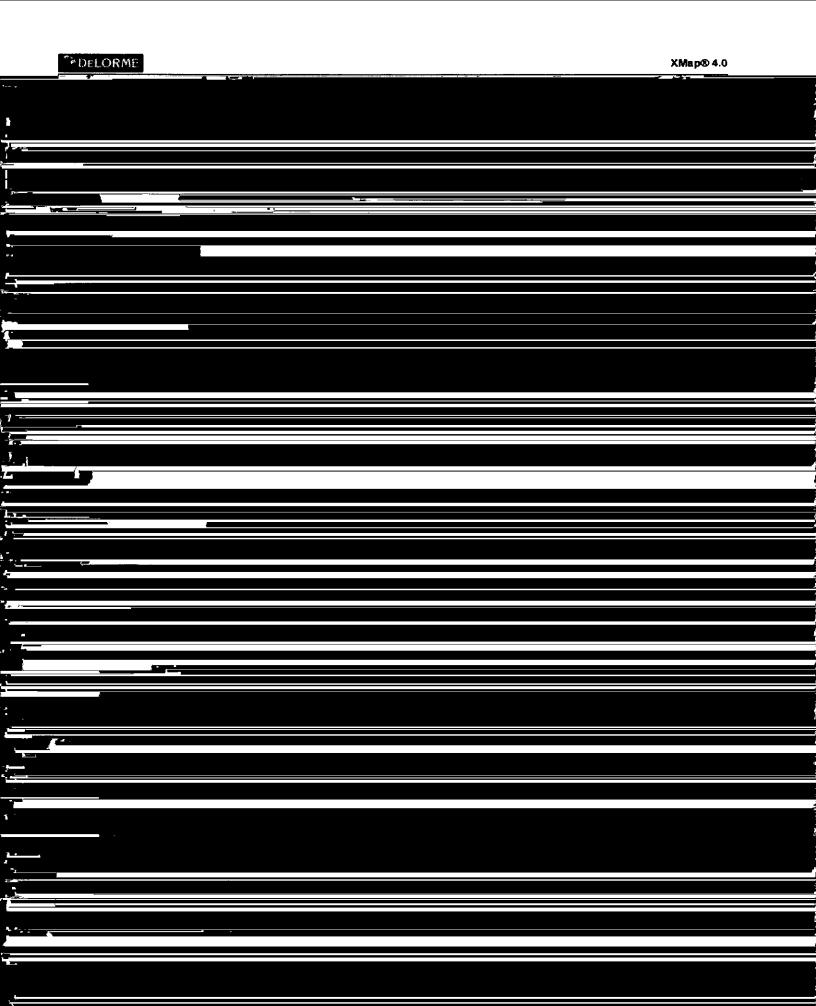


EXHIBIT #1 Larry Waggoner



11-14-2003

#### Larry Waggoner

EXHIBIT #3

FM Study Location		FCC Database Date: 11/7/2003 OK Channel Class: A							
Chan	201	88.1	 ידדע	COUNT:	ρ.	MAY	OVERLAP:		
Chan		88.3		COUNT:	_		OVERLAP:		
Chan		88.5		COUNT:			OVERLAP:		
Chan		88.7		COUNT:	-		OVERLAP:		
Chan		88.9		COUNT:			OVERLAP:		
Chan		89.1		COUNT:	7	MAX	OVERLAP:	-189	
Chan	207	89.3	HIT	COUNT:	5	MAX	OVERLAP:	-122	
Chan	208	89.5	HIT	COUNT:	4	MAX	OVERLAP:	-134	
Chan	209	89.7	HIT	COUNT:	3	MAX	OVERLAP:	-67	
Chan	210	89.9	HIT	COUNT:	9	XAM	OVERLAP:	-9	
Chan	211	90.1	$\mathtt{HIT}$	COUNT:	7	MAX	OVERLAP:	-64	
Chan	212	90.3	HIT	COUNT:	8	MAX	OVERLAP:	-48	
Chan	213	90.5	$\mathtt{HIT}$	COUNT:			OVERLAP:	-91	
Chan	214	90.7	HIT	COUNT:	8	MAX	OVERLAP:	-48	

11-14-2003

Larry Waggoner

EXHIBIT #4

FCC Database Date: 11/7/2003

35-03-11

FM Study for: 180 Location: CORDELL, OK

Channel Class: A

98-59-24

Chan 201

88.1

HIT COUNT: 8

MAX OVERLAP:

Chan 202

HIT COUNT.

MAY OVERIAD.

Chan	205	88.9	HIT	COUNT:	8	XAM	OVERLAP:	-90
Chan	206	89.1	HIT	COUNT:	8	XAM	OVERLAP:	-157
Chan	207	89.3	HIT	COUNT:	б	XAM	OVERLAP:	-90
Chan	208	89.5	HIT	COUNT:	9	XAM	OVERLAP:	-124
Chan	209	89.7	HIT	COUNT:	8	XAM	OVERLAP:	-57
Chan	210	99 9	utt	COINT.	۵	MAX	OVEDIAD.	-41

Larry Waggoner 11-14-2003 EXHIBIT #5 .

